



MICROGRAPHIA

considerable thickness, I observ'd that both the upper and lower of it were curiously quill'd, furrow'd, or grain'd, and when the Sun shone on the Plate, was exceeding easily seen, much after the shape of the lines in the 6. Figure of the 1. Plate. They consisted of several streight ends of parallel lines, of divers lengths and angles to one another without any regularity.

The cause of all which regular Figures (and of all other, namely of *Salts*, *Minerals*, *Metals*, &c. which I could not have time to compleat a *Theory* of them. But in the 13. Observation) I judge it the second step by which the mind is to be ascended: And whosoever will climb it, must begin with that which the Noble *Verulam* calls *Scalae*, or have scaling Ladders, otherwise the steps are so high, that it will be no getting up them, and consequently little progress to any higher station, such as to the knowledge of the Principles of Vegetation manifested in Mould and Mushrooms, where I endeavoured to shew, seems to be the third step. I am, that the Intellect of man is like his body, that it cannot move from a lower to a higher and more subtle knowledge, otherwise then step by step, nay even there where it is already made passible; as in the *Elements* of Geometry, where it is said to climb a whole series of Propositions, till it attains the knowledge of one *Probleme*. But if the Intellect is so difficult and above its reach, it must have recourse to some new engine and contrivance, some new kind of *Art* before it can surmount it.

Observ. XV. Of Kettering-stone, and of its constituent bodies.

This Stone which is brought from *Kettering* in Leicestershire, is digg'd out of a Quarry, as I am inform'd, is very admirable, nor have I ever seen or heard of any other like. It is made up of an innumerable company of small Globular forms, of the same size or shape, but for the most part, not exceeding the size of a Globular form, nor exceed they one another in size, or four times; they appear to the eye, like the *Corallum*, or some smaller fishes, but for the most part somewhat less, and not so uniform; but their variety of globular ball, seems to be only by the pressure of the air, have a little deprest and protruded those toucht sides.